## **EAST Search History**

| Ref# | Hits | Search Query  | DBs  | Default<br>Operator | Plurals | Time Stamp          |
|------|------|---|--|---------------------|---------|---------------------|
| L1   | 6    | (("6682945") or<br>("6562636") or<br>("6340895")).FN.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2009/06/30<br>14:45 |
|      | 40   | (*4374317"   "4577847"   "4577847"   "4662043"   "4818933"   "5103168"   "5174772"   "558054"   "5580054"   "5580054"   "5590322"   "559733"   "6621313"   "6624372"   "577485"   "577485"   "577485"   "5898474"   "58984218"   "6066181"   "6084215"   "6084215"   "6147605"   "6147605"   "6147605"   "6340895"   "64126904"   "6426904"   "6426904"   "6426904"   "6486904"   "6486904"   "6486904"   "6486904"   "6486904"   "6486904"   "6486904"   "6486904"   "6486904"   "6486904"   "6486904"   "6486904"   "6486904" | US-PGPUB;<br>USPAT; USOCR                                      | OR                  | ON      | 2009/06/30 14:45    |
| L3   | 45   | ("2002002008") "3530750"   "4258620" "43774317"   "4662043" "43174317"   "4662043" "5103168"   "5174772" "5365867"   "5510724" "5560054"   "5510724" "5560052"   "5593903" "5597737"   "5614837" "5621313"   "5624313"   "5624342" "5760666"   "5743324" "5774385"  | US-PGPUB;<br>USPAT; USOOR                                      | OR                  | ON      | 2009/06/30<br>14:45 |

|          | *************************************** | "5808474"   "5859539"   "5894218"   "5905382"   "5945834"   "6084215"   "6133054"   "6140616"   "6147506"   "634085"), FN. OR ("6562636"), URPN.   |  |      |    | *************************************** |
|----------|---|--|--|------|----|---|
| <u>4</u> | 85                                      | ("4374317"   "5103168"   "5408487"   "5408487"   "5428510"   "5510724"   "5580543"   "5593903"   "5597737"   "5600257"   "5616337"   "5684588"   "56864588"   "5686472"   "5777485"   "5908474"   "5895939"   "5984218"   "5905362"   "5945834"), PN. OR ("6340595"), JPPN.  | US-POPUB;<br>USPAT; USOCR                                      | OR . | ON | 2009/06/30<br>14:45                     |
| L5       | 87                                      | ("6562636" "6682945"  20020048826"  20020048826"  20040113645"  5389556" 15442282"  5589325" 15646861"  55839325" 15646861"  55839325" 15640865"  55839325" 15670322"  5682064" 15798565"  63131255" 6140616"  6791171" 16812718"  20020171133"  2005021371133"  2005021371133"  2005021371133"  2005021371133"  20050213717"  20050204676"  20070057684"  2005026476"  6181148" 1664213"  6181148" 16625555"  6788094"  20030107394"  4485472" 4461525"  4485475" 4461525"  4485475" 4476160"  476160" 4767985"  4954458" 4971159"  49560090" 5248936" )  pn. | US-POPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DEFWENT;<br>IBM_TDB | OR   | ON | 2009/06/30<br>14:45                     |

| L6 | 40                                      | ("4374317"   | US-PGPUB;  | OR | ON                                      | 2009/06/30                              |
|----|---|--|--|----|---|---|
|    |   | "4577847"   "4662043"   "4818933"   "5103168"   "5174772"   "5385487"  | USPAT; USOCR   |    |   | 14:45                                   |
|    |   | "5429510"   "5510724"<br>  "5568054"  <br>  "5570032"   "5593903"  |  |    |   |   |
|    | *************************************** | "5597737"  <br>  "5600257"   "5614837"   |  |    |   |   |
|    | **********                              | "5621313"  <br>"5654588"   "5656943"<br>  "5682472"  |  |    | *************************************** |   |
|    |   | "5701666"   "5743324"<br>   "5777485"  |  |    |   | *************************************** |
|    |   | "5808474"   "5859539"<br>  "5894218"  <br>"5905382"   "5945834"  |  |    | *************************************** |   |
|    |   | "6066181 <sup>"</sup>  <br>"6084215"   "6133054"   |  |    | *************************************** |   |
|    |   | "6140616"  <br>"6147605"   "6205652"<br>  "6340895"  |  |    | *************************************** |   |
|    | ***********                             | "6411116"   "6420766"<br>  "6426638"  <br>  "6436004"  |  |    | *************************************** |   |
|    | *************************************** | "6426904"  <br>"6433419").PN. OR<br>("6682945").URPN.  |  |    |   |   |
| L7 | 6                                       | (("6822469") or<br>("6975130") or<br>("6927591")).PN.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF                                     | 2009/06/30<br>14:45                     |
| L8 | 6                                       | ("20020125997"  <br>"4488299"   "6100706"<br>"6310783"  <br>"6577507").PN. OR<br>("6975130").URPN.                                     | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON                                      | 2009/06/30<br>14:45                     |
| L9 | 66                                      | ("4868712"  <br>"5016138"   "5065227"<br>  "5086558"  <br>"5123850"   "5148265"<br>  "5148266"<br>"5222014"   "5347159"<br>  "5347162" | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON                                      | 2009/06/30<br>14:45                     |
|    |   | "5382898"   "5399505"<br>  "5399898"  <br>"5476211"   "5483421"<br>  "5489804"   | ***************************************                        |    |   | *************************************** |
|    |   | "5491612"   "5497079"<br>  "5504369"  <br>  "5517515"   "5518964"  | ***************************************                        |    |   | *************************************** |
|    |   | "5532612"  <br>"5594273"   "5600257"   | ***************************************                        |    |   | *************************************** |
|    | *************************************** | "5600541"  <br>"5612575"   "5635010"   |  |    |   |   |

|     |     | "5637920"  <br>"5654588"   "5685885"<br>"5701666"  <br>"5798652"   "5800184"   | *************************************** |   | *************************************** | *************************************** |
|-----|-----|--|---|---|---|---|
|     |     | "5802713"   "5806181"   "5802601"   "580484"   "5834946"   "5834946"   "587486"   "5885849"   "5892287"   "5897326"   "590738"   "5915752"   "5927193"   "5929651"   "5938847"   "5942213"                                       |   | *************************************** |   |   |
|     |     | "549245"   "5950070"<br>  "5950304"   "5950304"  <br>"5950462"   "6032356"<br>  "6064213"   "606926"   "6098278"<br>  "6147400"). PN. OR<br>  "6822469"). URPN.  |   | *************************************** |   | *************************************** |
| _10 | 111 | ("20010011906"  <br>"4145620"   "5003156"<br>  "5966021"  <br>"6363510"   "6400173"<br>  "6771088"  <br>"6822469"  <br>"6910162").PN. OR<br>("7208968").URPN.  | US-PGPUB;<br>USPAT; USOCR               | OR                                      | ON                                      | 2009/06/30<br>14:45                     |
| _11 | 41  | ("4145620"  <br>"4374317"   "4683424"<br>  "4746855"  <br>"4902669"   "4947545"<br>  "4956602"  <br>"5993962"   "5126656"<br>  "5191282"  <br>"5254839"   "5420521"<br>  "5429510"  <br>"5528161"), PN, OR<br>("5966021"), URPN, | US-PGPUB;<br>USPAT; USOCR               | OR                                      | 08                                      | 2009/06/30<br>14:45                     |

| .12 | 153    | ("20020011663"                       | US-PGPUB;    | OR   | ON   | 2009/06/30 |
|-----|--------|--------------------------------------|--------------|--|------|------------|
|     |        | "3939558"   "4577214"                | USPAT; USOCR |  |      | 14:45      |
|     |        | "4617730"                            |              |  |      |            |
|     |        | "4628411"   "4688151"                |              |  |      |            |
|     |        | "4868712"                            |              |  |      |            |
|     |        | **#4998885"   "5016138"              |              |  |      |            |
|     |        | "5060052"                            |              |  |      |            |
|     |        | ["5065227"   "5086558"               |              |  |      |            |
|     |        | "5123850"                            |              |  |      |            |
|     | -      | "5132613"   "5148265"                |              |  |      |            |
|     |        | "5148266"                            |              |  |      |            |
|     |        | "5222014"   "5309021"                |              |  |      |            |
|     | 1      | "5327325"                            |              |  |      |            |
|     |        | "5347159"   "5347162"                |              |  |      |            |
|     |        | "5371654"                            |              |  |      |            |
|     |        | "5382898"   "5384691"                |              |  |      |            |
|     |        | "5394303"                            |              |  |      |            |
|     |        | "5399505"   "5399898"                |              |  |      |            |
|     |        | "5410259"                            |              |  |      |            |
|     |        | "5440241"   "5476211"                |              |  | -    |            |
|     |        | "5477160"  <br>"E402424"   "E400004" |              | ***************************************  |      |            |
|     | ****** | "5483421"   "5489804"                |              |  |      |            |
|     |        | "5491612"                            |              |  |      |            |
|     |        | "5497079"   "5504369"                |              |  |      |            |
|     |        | "5517515"  <br>   "5517515"          |              |  |      |            |
|     |        | "5518964"   "5531022"                |              | and the same of th |      |            |
|     |        | "5532610"  <br>"EE33613"   "EE44017" |              | ***  |      |            |
|     |        | "5532612"   "5544017"                |              | 1  |      |            |
|     |        | "5548223"  <br>"5570032"   "5579207" |              | 1  |      |            |
|     |        | "5594273"                            |              | recent   |      |            |
|     |        | "5600257"   "5600541"                |              | 1  |      |            |
|     |        | "5612575"                            |              | age of the same of |      |            |
|     |        | "5615089"   "5635010"                |              | -  |      |            |
|     |        | "5637920"                            |              | -  |      |            |
|     |        | "5654588"   "5655290"                |              |  |      |            |
|     |        | "5685885" I                          |              |  |      |            |
|     |        | "5701666"   "5710071"                |              | 1  |      |            |
|     |        | "5714800"                            |              |  |      |            |
|     |        | "5759047"   "5764071"                |              |  | ***  |            |
|     | 1      | "5764655"                            |              | -  |      |            |
|     |        | "5789807"   "5794175"                |              |  |      |            |
|     |        | "5796746"                            |              | *****  | ***  |            |
|     |        | "5798652"   "5800184"                |              |  | -    |            |
|     | *****  | "5802713"                            |              |  |      |            |
|     |        | "5805422"   "5806181"                |              | ****   |      |            |
|     |        | "5832601"                            |              | *****  |      |            |
|     | -      | "5834844"   "5834946"                |              |  | -    |            |
|     | 1      | "5838060"                            |              |  | **** |            |
|     |        | "5838072"   "5844803"                |              | ****   |      |            |
|     |        | "5848467"                            |              |  |      | ***        |
|     |        | "5854507"   "5878486"                |              |  |      |            |
|     |        | "5885849"                            |              |  |      | ***        |
|     |        | "5892287"   "5897326"                |              |  |      | *          |
|     |        | "5900738"                            |              |  | ***  | ***        |
|     |        | "5905382"   "5915752"                |              |  |      | ***        |
|     | -      | 1 "5927193"                          | 1            | 1  | 1    | 1          |

| _14 15   | L13 and ((rack or bank<br>or cartridge) near4<br>wafer)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;            | OR | ON | 2009/06/30<br>14:45 |
|----------|--|--|----|----|---------------------|
| .13 1016 |  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/30<br>14:45 |
|          | "5929651"   "598847"   "5942246"   "5942246"   "5942246"   "5943213"   "5942246"   "5950304"   "5959462"   "5950304"   "5959462"   "5977640"   "6018462"   "6018462"   "6018462"   "6032356"   "6046600"   "604467"   "6050829"   "6050829"   "6050829"   "6050829"   "6050829"   "6050821"   "608373"   "6086210"   "608373"   "6086210"   "608373"   "6104020"   "613600"   "613600"   "613600"   "613600"   "613600"   "613600"   "613600"   "613600"   "613600"   "613600"   "613600"   "613600"   "613600"   "613600"   "613600"   "6229216"   "6246247"   "624505"   "6297553"   "6319822"   "6815050"   "6852465"   "686657"   "686657"   "686657"   "686657"   "6812469"   "6815712"   "6812469"   "6812469"   "6812469"   "6812469"   "6812469"   "6812469"   "6812469"   "6812469"   "6822469"   "681712"   "6822469"   "681712"   "6822469"   "N. OR ("6967494") UHFN. OR |  |    |    |                     |

| L15 | 172 | L13 and wafer and chamber   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/30<br>14:45 |
|-----|-----|---|--|----|-----|---------------------|
| L16 | 7   | ("4968931"  <br>"5504369"  <br>"5898186").PN. OR<br>("6459285").URPN.   | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON  | 2009/06/30<br>14:45 |
| L17 | 7   | ("3870953"  <br>"4743847"   "5995428"<br>  "5999007").PN. OR<br>("6404219").URPN.   | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON  | 2009/06/30<br>14:45 |
| L18 | 34  | ("4713611"  <br>"4749945"  <br>"4757255").PN. OR<br>("4926117").URPN.   | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON  | 2009/06/30<br>14:45 |
| L19 | 384 | (signal near2 (pcb or<br>(printed adj circuit adj<br>board))) and (power<br>near (pcb or (printed<br>adj circuit adj board)))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/30<br>14:45 |
| L20 | 433 | (signal near2 pcb) and (power near2 pcb)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/30<br>14:45 |
| L21 | 2   | (*6640323**).FN.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/06/30<br>14:45 |
| L22 | 43  | ("3689885"   "4930129"   "493302"   "4930129"   "4934028"   "518184"   "518184"   "518184"   "51866851"   "5182442"   "519864"   "5182442"   "5202188"   "5212373"   "5212736"   "5224221"   "5224221"   "503199"   "5317255"   "504324"   "5549281"   "5549281"   "5549281"   "5549281"   "5959881"   "5959881"   "6058497"   "5959888"   "6058497"   "6119255"   "6189255"   "6189255"   "618920"   "NO G | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON  | 2009/06/30 14:45    |

| .23 | 1016 | 324/760.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/30<br>14:45 |
|-----|------|---|--|----|----|---------------------|
| 24  | 40   | ["4374317"   "4577847"   "4662043"   "4818933"   "5103168"   "5174772"   "5385487"   "55854587"   "55895487"   "5597032"   "5593903"   "5597737"   "560257"   "5614837"   "5664588"   "5656943"   "5682472"   "5771666"   "5743324"   "577485"   "5894747"   "5895839"   "58984718"   "5905382"   "55945834"   "6066181"   "60426638"   "6147605"   "6205652"   "6340895"   "6411116"   "6420766"   "6426638"   "6426638"   "6426638"   "6426638"   "643497").PN. OR   "66822445" JUPPN. OR | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/06/30          |
| 25  | 45   | ("20020002008"   "3530750"   "4256620"   "437341"   "456620"   "4577447"   "4662043"   "4517847"   "4662043"   "5103168"   "5174772"   "55805487"   "5580548"   "5567032"   "5593903"   "5597373"   "5697373"   "5696343"   "5696343"   "5696343"   "5696343"   "577465"   "577465"   "577465"   "5808474"   "589539"   "58984218"   "5905382"   "5945834"   "6084215"   "6140616"   "6147066"  | US-PGPUB;<br>USPAT; USOCR                                      | OR | ON | 2009/06/30<br>14:45 |

|     | *************************************** | "6205652"  <br>"6340895").PN. OR<br>"("6562636").URPN.  |   | *************************************** |     | **************      |
|-----|---|---|---|---|-----|---------------------|
| L26 | 85                                      | ("4374317"   "4818933"   "5103168"   "5385487"   "5429510"   "5510724"   "5569364"   "5593903"   "5597737"   "5600257"   "5614837"   "5621313"   "5654588"   "5656643"   "5682472"   "5771485"   "580533"   "5834218"   "5905382"   "5945834").PN. OR ("6340985").UHFN.   | US-POSPUB;<br>USPAT; USOOR                                      | OR                                      | ON  | 2099/06/30<br>14:45 |
| L27 | 6                                       | (("6682945") or<br>("6562636") or<br>("6340895")).PN.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR                                      | OFF | 2009/06/30<br>14:45 |
| 128 | 87                                      | ("6562636" "6682945" "20020048826" "20020048826" "20040113645" "55839556" "56486611" "5583965" "56486611" "5583163" "5764655" "5573227" "5570322" "5682064" "5796565" "5831445" "6049977" "7009412" "7138818" "20020171133" "20050026476" "20050026476" "20050051353" "20060026476" "20070057684" "6202489" "6441606" "5726502" "5783668" "5886414" "6084213" "588694" "2003107394" "4485472" "4461525" "4585991" "4603023" "4626775" "475776" "4761007" "4767785" "4765090" "5248936") "500. | US-PGFUB;<br>USPAT; USOOR;<br>EPO; JPO;<br>DETWIBNT;<br>IBM_TDB | ÖR .                                    | ON  | 2009/06/30<br>14:45 |

| L29                                     | 40                                      | ("4374317"  | US-PGPUB;                               | OR                                      | ON                                      | 2009/06/30                              |
|---|---|---|---|---|---|---|
|   |   | "4577847"   "4662043"   | USPAT; USOCR                            |   |   | 14:45                                   |
|   | -                                       | "4818933"   |   |   |   |   |
|   |   | "5103168"   "5174772"   |   |   |   |   |
|   | ******                                  | "5385487"   |   |   |   |   |
|   | ******                                  | "5429510"   "5510724"   |   |   |   |   |
|   | -                                       | 1 "5568054" I   |   |   |   |   |
|   | -                                       | "5570032"   "5593903"   |   |   |   |   |
|   |   | "5597737"   |   |   |   |   |
|   |   | 5600257"   "5614837"  |   |   |   |   |
|   | -                                       | "5621313"   |   |   |   |   |
|   |   | ["5654588"   "5656943"  |   |   |   |   |
|   |   | "5682472"   |   |   |   |   |
|   |   | ["5701666"   "5743324"  |   |   |   |   |
|   |   | "5777485"   |   |   |   |   |
|   | *****                                   | §"5808474"   "5859539"  |   |   |   |   |
|   | -                                       | §  "5894218"  |   |   |   |   |
|   |   | "5905382"   "5945834"   |   |   |   |   |
|   | *************************************** | "6066181"   | *****                                   |   | *****                                   |   |
|   | *****                                   | ["6084215"   "6133054"  |   |   | i i                                     |   |
|   |   | "6140616"   | *************************************** |   |   |   |
|   | *************************************** | "6147605"   "6205652"   | ******                                  |   |   |   |
|   |   | "6340895"   |   |   |   |   |
|   |   | "6411116"   "6420766"   |   |   |   |   |
|   |   | [ "6426638"   |   |   |   |   |
|   |   | ["6426904"  |   |   | ***                                     |   |
|   | *****                                   | ["6433419").PN. OR  |   |   |   |   |
|   | -                                       | §("6682945").URPN.  | ****                                    | 1                                       |   |   |
| L30                                     | 6                                       | (("6822469") or   | US-PGPUB;                               | OR                                      | OFF                                     | 2009/06/30                              |
|   |   | ("6975130") or  | USPAT; USOCR;                           |   |   | 14:45                                   |
|   |   | ("6927591")).PN.  | EPO; JPO;                               |   |   |   |
|   |   |   | DERWENT;                                |   |   |   |
|   |   |   | IBM_TDB                                 |   |   | ****                                    |
| L31                                     | 6                                       | ("20020125997"  | US-PGPUB;                               | OR                                      | ON                                      | 2009/06/30                              |
|   |   | ["4488299"   "6100706"  | USPAT; USOCR                            |   |   | 14:45                                   |
|   |   | [ "6310783"   |   |   |   |   |
|   |   | "6577507").PN. OR   |   |   |   |   |
|   |   | ("6975130").URPN.   | *************************************** |   |   | ***                                     |
| L32                                     | 66                                      | ("4868712"  | US-PGPUB;                               | OR                                      | ON                                      | 2009/06/30                              |
|   | 1                                       | "5016138"   "5065227"   | USPAT; USOCR                            |   |   | 14:45                                   |
|   | ****                                    | "5086558"   | , , , , , ,                             |   |   | 1                                       |
|   | ******                                  | "5123850"   "5148265"   |   |   |   |   |
|   |   | "5148266"   |   |   |   |   |
|   |   | "5222014"   "5347159"   |   |   |   |   |
|   | ****                                    | "5347162"   |   |   |   |   |
|   | *******                                 | "5382898"   "5399505"   |   |   |   |   |
|   | -                                       | "5399898"   |   |   |   |   |
|   |   | "5476211"   "5483421"   |   |   | ***                                     |   |
|   |   | "5489804"   |   |   |   |   |
|   | -                                       |   |   |   |   |   |
|   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |
|   | -                                       | "5532612"   |   |   |   |   |
|   | ***                                     |   |   |   |   |   |
|   |   |   |   |   |   |   |
|   | *************************************** |   |   |   |   |   |
| *************************************** |   | "5491612"   "5497079"<br>  "5504369"  <br>  "5517515"   "5518964"<br>  "5532612"  <br>  "5594273"   "5600257"<br>  "5600541"  <br>  "5612575"   "5635010" | чининининининининининининининининининин | *************************************** | *************************************** | *************************************** |

|     | "56" "56" "56" "56" "56" "56" "56" "56"    | 5701666" 798652"   5802713" 806181"   5834946" 848467"   55874868" 885849"   5597326" 990738"   55943213" 949246"   6594262"   6064213" 609026"   6147400") 8822469").   | "5685885"   "5800184"   "5802601"   "5832601"   "5892287"   "5915752"   "5936847"   "5950070"   "6032356"   "6098278" .FN. OR   |                           |    |    |                     |
|-----|--|--|---|---------------------------|----|----|---------------------|
| Ū33 | "33" "44" "44" "5" "5" "5" "5" "5" "5" "5" | 4617730° £28411"   4868712"   98885"   5060052"   5123850"   5123850"   5123850"   5123850"   5123850"   5148266"   222014"   55321325"   5371654"   5371654"   5394303"   399505"   5410259"   5471160"   55471160"   55471160"   55471160"   5549612"   5549612"   5548622"   5594273"   5594273"   500025"   5612575" | "4577214"   "4688151"   "5016138"   "5086558"   "5148265"   "5347162"   "53984691"   "5398898"   "5476211"   "5504369"   "5504369"   "5504369"   "5579207"   "6600541"   "56035010" | US-POPUE;<br>USPAT; USOCR | OR | ON | 2009/06/30<br>14:45 |

| "5654588" I                | "5655290" |
|----------------------------|-----------|
| "5685885"                  | 1         |
| "5701666"                  | "5710071" |
| "5714800"<br>"5759047"     | "5764071" |
| "5759047"  <br>"5764655"   | 3/640/1   |
| "5789807"                  | "5794175" |
| 5796746                    | 1         |
| "5798652"                  | "5800184" |
| "5802713"<br>"5805422"     | "5806181" |
| "5805422"  <br>"5832601"   | 3000101   |
| "5834844"                  | "5834946" |
| 5838060                    | 1         |
| "5838072"                  | "5844803" |
| "5848467"<br>"5854507" I   | "5878486" |
| "5854507"  <br>  "5885849" | 5878486   |
| "5892287"                  | "5897326" |
| 5900738                    | 1         |
| "5905382"                  | "5915752" |
| "5927193"                  | "5936847" |
| "5929651"  <br>"5942246"   |           |
| "5943213"                  | "5949246" |
| "5950070"                  | 1         |
| "5950304"                  | "5959462" |
| 5977640"                   |           |
| "5984691"  <br>"6013944"   | "6002178" |
| "6018462" I                | "6024275" |
| "6032356"                  | I I       |
| "6034332"                  | "6046600" |
| "6049467"                  | I         |
| "6050829"  <br>"6064213"   | "6053395" |
| "6069026"                  | "6080264" |
| 6080494                    | 1         |
| "6082610"                  | "6083773" |
| "6098278"                  | 1         |
| "6101100"  <br>"6133070"   | "6104202" |
| "6136681"                  | "6137299" |
| "6147400"                  | 1         |
| "6154371"                  | "6161205" |
| "6190940"                  | 1         |
| "6218910"                  | "6229216" |
| ("6242279"                 | ).PN. OH  |
| ("6242932"<br>"6246247"    | "6275051" |
| "6281046"                  | 1         |
| "6297553"                  | "6303992" |
| "6313522"                  |           |
| "6319829"                  | "6331782" |
| "6376769"<br>"6392428"     | "6432744" |
| "6440771"                  |           |
| "6483043"                  | "6483330" |
|                            |           |

|     | *************************************** | "6524885"  <br>"6529022"   "6537831"  <br>"6627998"  <br>"6673653"   "6686657"  <br>"6717819"  <br>"6759741"   "6812048"  <br>"6815712"  <br>"6822468"  <br>"6825678"), IN, OR ("6967494"), URPN.          |  | *************************************** | онностинення в применення в при |                     |
|-----|---|--|--|---|--|---------------------|
| L34 | 11                                      | ("20010011906"  <br>"4145620"   "5003156"<br>  "5966021"  <br>"6363510"   "6400173"<br>  "6771088"  <br>"6822469"  <br>"6910162").PN. OR<br>("7208968").URPN.  | US-PGPUB;<br>USPAT; USOCR                                      | OR                                      |  | 2009/06/30<br>14:45 |
| L35 | 41                                      | (*4145620"  <br>*4374317"   *4683424"  <br>*4746855"  <br>*4902669"   *4947545"  <br>*5903982"   *5126656"  <br>"5191262"  <br>"5254839"   *5420521"  <br>*5254839"   *5420521"  <br>*5525439"   *5420521" | US-PCPUB;<br>USPAT; USOCR                                      | OR                                      | ON   | 2009/06/30<br>14:45 |
| L36 | 172                                     | L23 and wafer and chamber  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                      | ON   | 2009/06/30<br>14:45 |
| L37 | 34                                      | ("4713611"  <br>"4749945"  <br>"4757255").PN. OR<br>("4926117").URPN.  | US-PGPUB;<br>USPAT; USOCR                                      | OR                                      | ON   | 2009/06/30<br>14:45 |
| L38 | 7                                       | ("4968931"  <br>"5504369"  <br>"5898186").PN. OR<br>("6459285").URPN.  | US-PGPUB;<br>USPAT; USOCR                                      | OR                                      | ON   | 2009/06/30<br>14:45 |
| L39 | 7                                       | ("3870953"  <br>"4743847"   "5995428"<br>  "5999007").PN. OR<br>("6404219").URPN.  | US-PGPUB;<br>USPAT; USOCR                                      | OR                                      | ON   | 2009/06/30<br>14:45 |
| L40 | 15                                      | L23 and ((rack or bank<br>or cartridge) near4<br>wafer)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                      | ON   | 2009/06/30<br>14:45 |

| L41 | 624 | 324/765.cds. and burn-<br>in and wafer  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2009/06/30<br>14:45 |
|-----|-----|---|--|------|-----|---------------------|
| L42 | 592 | 324/754.cds. and burn-<br>in and wafer  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2009/06/30<br>14:45 |
| L43 | 348 | L42 and (pcb or<br>(printed adj circuit adj<br>board))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2009/06/30<br>14:45 |
| L44 | 410 | 438/14-17.ccls. and<br>burn-in and wafer  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2009/06/30<br>14:45 |
| L45 | 13  | (("6682945") or<br>("6562636") or<br>("6340895") or<br>("6788081") or<br>("7202681")).PN.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2009/06/30<br>14:45 |
| L46 | 35  | ("2023947"   "3808532"   "3829741"   "3904861"   "3904861"   "4980028"   "4231629"   "4231629"   "4573753"   "4785977"   "4862327"   "4924179"   "5510446"   "5257166"   "5283605"   "5559672"   "5559672"   "5569738"   "562534"   "5781747"   "5793620"   "5982297"   "5919259"   "5919259"   "5919259"   "5919259"   "6216184"   "6089879"   "6216184"   "67202681") UPPN. | US-PGPUB;<br>USPAT; USOCR                                      | OR . | ON  | 2009/06/30<br>14:45 |

| L47 | 40                                      | ("4374317"   | US-PGPUB;                               | OR                                      | ON                                      | 2009/06/30   |
|-----|---|--|---|---|---|--|
|     |   | "4577847"   "4662043"  | USPAT; USOCR                            |   |   | 14:45  |
|     |   | "4818933"  |   |   |   |  |
|     | ****                                    | "5103168"   "5174772"  |   |   |   |  |
|     |   | "5385487"  |   |   |   |  |
|     |   | "5429510"   "5510724"  |   |   |   |  |
|     |   | "5568054"  |   |   |   |  |
|     | -                                       | "5570032"   "5593903"  |   |   |   |  |
|     |   | i "5597737"  |   |   |   |  |
|     |   | "5600257"   "5614837"  |   |   |   |  |
|     |   | § "5621313"  |   |   |   |  |
|     |   | "5654588"   "5656943"  |   |   |   |  |
|     |   | "5682472"  |   |   |   |  |
|     |   | "5701666"   "5743324"  |   |   |   |  |
|     |   | § "5777485"  |   |   |   |  |
|     |   | "5808474"   "5859539"  |   |   |   |  |
|     |   | "5894218"  |   |   |   |  |
|     |   | ["5905382"   "5945834"   | ***                                     |   |   |  |
|     |   | "6066181"  |   |   |   |  |
|     |   | "6084215"   "6133054"  | *****                                   |   |   |  |
|     |   | "6140616"  |   |   |   |  |
|     |   | ["6147605"   "6205652"   | ***                                     |   |   |  |
|     |   | "6340895"  |   |   |   |  |
|     |   | "6411116"   "6420766"  |   |   |   |  |
|     |   | "6426638"  |   |   |   |  |
|     |   | ["6426904"   |   |   |   |  |
|     |   | "6433419").PN. OR  | *************************************** |   |   |  |
|     |   | ("6682945").URPN.  | *************************************** |   |   |  |
| L48 | 68                                      | ("4281449"   | US-PGPUB;                               | OR                                      | ON                                      | 2009/06/30   |
|     |   | "4379259"   "4467400"  | USPAT; USOCR                            |   |   | 14:45  |
|     |   |  |   |   |   |  |
|     | -                                       | "4472483"  |   |   |   |  |
|     |   | "4489397"   "4503335"  |   |   |   |  |
|     |   | "4489397"   "4503335"<br>   "4518914"  |   |   | *************************************** |  |
|     |   | "4489397"   "4503335"<br>  "4518914"  <br>  "4519035"   "4523144"  |   | *************************************** |   | ***************************************  |
|     |   | "4489397"   "4503335"<br>  "4518914"  <br>"4519035"   "4523144"<br>  "4585991"   | *************************************** | *************************************** | *************************************** | oconomico de la conomico del la conomico de la cono |
|     | *************************************** | "4489397"   "4503335"<br>  "4518914"  <br>"4519035"   "4523144"<br>  "4585991"   "4766371"   | *************************************** | *************************************** | *************************************** |  |
|     | *************************************** | "4489397"   "4503335"<br>  "4518914"  <br>"4519035"   "4523144"<br>  "4585991"  <br>"4628991"   "4766371"<br>  "4783695"   | *************************************** | *************************************** | *************************************** |  |
|     |   | "4489397"   "4503335"<br>  "4518914"  <br>"4519035"   "4523144"<br>  "4585991"   "4766371"<br>  "4783695"  <br>"4833402"   "4849847"   | annananananananananananananananananana  | *************************************** | *************************************** | ***************************************  |
|     |   | "4489397"   "4503335"<br>  "4518914"  <br>"4519035"   "4523144"<br>  "4585991"   "4766371"<br>  "4783695"   "4833402"   "4849847"<br>  "4855253"   |   |   | *************************************** |  |
|     |   | "4488397"   "4503335"<br>  "4518914"<br>  "4519035"   "4523144"<br>  "4585991"   "4766371"<br>  "4783695"   "4766371"<br>  "4855253"   "4849847"<br>  "485122"   "4918811"   | *************************************** |   | *************************************** | ***************************************  |
|     |   | "4489397"   "450335"<br>  "4518914"  <br>  "4519935"   "4523144"<br>  "4585991"   "4766371"<br>  "4783695"  <br>  "4833402"   "4849847"<br>  "48552525"  <br>  "484122"   "4918811"<br>  "4937203"   |   |   |   |  |
|     |   | "4489397"   "450335"   "4518914"   "4518915"   "4523144"   "4585991"   "4766371"   "4783695"   "48447"   "4858625"   "4848412"   "4918811"   "4956602"   "4961053"   |   |   |   |  |
|     | *************************************** | "4489397" "4503335"<br>"4519914" "4523144"<br>"455991" "4766371"<br>"4783695" "4766371"<br>"4783695" "483402" "484947"<br>"483402" "4849847"<br>"4855252" "4918811"<br>"4957203"   "4961053"<br>"4967165"   "4961053"  |   |   |   |  |
|     | *************************************** | "4489397"   "450335"   "4518914"   "4518915"   "4523144"   "4585991"   "4766371"   "4783695"   "483402"   "4849847"   "4856625"   "4961053"   "4967146"   "4967053"   "4967146"   "49687146"   "496897146"   "496897146"   "496897146"   "496897146"   "496897146"   "496897146"   "496897146"   "496897146"   "49689871"   "5012187"  |   |   |   |  |
|     | *************************************** | "4489397" "4503335"<br>"4519914" 1<br>"4519035" "4523144"<br>"458991" "4766371"<br>"4783695" 1<br>"4783695" 1<br>"483402" "484947"<br>"48852523" 1<br>"4987203" 1<br>"495602" 1"4961053"<br>"496746" 1<br>"4968931" "5012187"  |   |   |   |  |
|     |   | "4489397"   "450335"   "4589314"   "4519035"   "4523144"   "458991"   "4766371"   "4783695"   "488442"   "4855253"   "4918811"   "4937203"   "496602"   "496605"   "4968931"   "5012187"   "5014161"   "5059899"   |   |   |   |  |
|     |   | "4489397"   "4503335"   "4518914"   "4518915"   "4523144"   "4585991"   "4766371"   "4783695"   "483402"   "484847"   "4858602"   "4818811"   "4956602"   "4961153"   "4967146"   "5014161"   "5014161"   "5059899"   "5059899"   "5059899"   "5059899"   "5059899"   "5079297"  |   |   |   |  |
|     | *************************************** | "4489397"   "450335"   "4519035"   "4523144"   "4519035"   "4523144"   "4568991"   "4766371"   "4783695"   "484947"   "4855263"   "4918811"   "4937203"   "4918811"   "4937203"   "4967146"   "496831"   "5012187"   "5012187"   "50147711"   "5059899"   "5070297"   "508772"   "510557"  |   |   |   |  |
|     |   | "4489397" "450335"<br>  "4518914"  <br>  "4518915"   "4523144"<br>  "4585991"   "4766371"<br>  "4783695"  <br>  "483402"   "4848847"<br>  "4855253"   "48484122"   "4818811"<br>  "4956602"   "4961053"<br>  "4967146"  <br>  "4967146"   "5012187"<br>  "5014161"   "5012187"<br>  "5047711"   "5059899"<br>  "5070297"   "5089772"   "5103557"   |   |   |   |  |
|     |   | "4489397" "450335"<br>"4518914" "4523144"<br>"4519035" "4523144"<br>"4589911" "4766371"<br>"4783695" "484947"<br>"483302" "4849847"<br>"4855253" "4918811"<br>"4987146" "4961053"<br>"4967146" "5012167"<br>"5012161" "5012167"<br>"5017416" "5059899"<br>"5070297" "5103557"<br>"5123850" "5103557"   |   |   |   |  |
|     |   | "4489397"   "450335"   "4589314"   "4519035"   "4523144"   "458991"   "4766371"   "4783695"   "489427"   "4895253"   "489442"   "4895203"   "4918811"   "497203"   "4968931"   "5012187"   "5012187"   "5012187"   "507711"   "5058999"   "5070297"   "513850"   "5130644"   "5140405"   "5140405"   "5140405"   "5140405"   "5140405"   "6140205"   "614005"   "614005"   "6140405"   "6140405"   "6140405"   "6140405"   "6140405"   "61400 |   |   |   |  |
|     |   | "4489397" "450335"<br>"4519914" "4523144"<br>"455991" "4766371"<br>"4783695" "4766371"<br>"4783695" "484947"<br>"483402" "484947"<br>"4855252" "4918811"<br>"4937203" "4961053"<br>"496716" "5012187"<br>"5014161" "5059899"<br>"5070297" "5059899"<br>"5172486" "5140405"<br>"5172050" "5140405"  |   |   |   |  |
|     |   | "4489397"   "450335"   "4519035"   "4523144"   "4519035"   "4523144"   "4585991"   "4766371"   "4783695"   "488442"   "4855263"   "4918811"   "4937203"   "496602"   "4961653"   "496746"   "5047711"   "5058997"   "570297"   "5123850"   "51308644"   "5140405"   "5177439"   "5206181"   "5206181"   "52065655"   "5120557"   "5120557"   "5120557"   "5137644"   "5140405"   "5740557"   "5123850"   "5177439"   "5206181"   "5206181"   "52065555"   "51205555"   "51205555"   "51205555"   "51205555"   "51205555"   "51205555"   "51205555"   "51205555"   "51205555"   "51205555"   "51205555"   "51205555"   "52065555"   "52065555"   "52065555"   "52065555"   "52065555"   "51205555"   "52065555"   "52065555"   "52065555"   "52065555"   "51205555"   "52065555"   "52065555"   "52065555"   "51205555"   "52065555"   "51205555"   "52065555"   "52065555"   "52065555"   "52065555"   "52065555"   "52065555"   "52065555"   "52065555"   "52065555"   "52065555"   "52065555"   "52065555"   "52065555"   "5206555"   "5 |   |   |   |  |
|     |   | "4489397" "450335"<br>"4518914"  <br>"4518935" "4523144"<br>"4585991" "4766371"<br>"4783695"  <br>"4833402" "484947"<br>"4855253"  <br>"4855262"   "4918811"<br>"4956602"   "4961053"<br>"4966022"   "4961053"<br>"4968931"   "5012187"<br>"5014161"  <br>"507711"   "5059899"<br>"5070297"   "5103557"<br>"5120864"   "5140405"<br>"5177439"   "5206181"<br>"5206585"   "5206181"<br>"5206585"   "5219765"  |   |   |   |  |
|     |   | "4489397"   "450335"   "4519035"   "4523144"   "4519035"   "4523144"   "4568991"   "4766371"   "4783695"   "4763342"   "484847"   "4855263"   "4918811"   "4937203"   "496602"   "4918811"   "4937203"   "4967146"   "4968931"   "5012167"   "5012167"   "5047711"   "5059899"   "5070297"   "5123850"   "5130644"   "5140405"   "5172050"   "5172050"   "5120665"   "5206685"   "520685"   "5219765"   "5209785"   "5206851"   "5206855"   "5219765"   "5239191"  |   |   |   |  |
|     |   | "4489397" "450335"<br>"4518914"  <br>"4518935" "4523144"<br>"4585991" "4766371"<br>"4783695"  <br>"4833402" "484947"<br>"4855253"  <br>"4855262"   "4918811"<br>"4956602"   "4961053"<br>"4966022"   "4961053"<br>"4968931"   "5012187"<br>"5014161"  <br>"507711"   "5059899"<br>"5070297"   "5103557"<br>"5120864"   "5140405"<br>"5177439"   "5206181"<br>"5206585"   "5206181"<br>"5206585"   "5219765"  |   |   |   |  |

|     |    | "5307010"   "5367253"<br>  "5389556"  <br>"539795"   "5399505"<br>  "5440241"  <br>"6497079"   "5523696"<br>  "5532610"<br>"5701666").FN. OR<br>("6411116").URPN.  | - пининий применений применений применений применений применений применений применений применений применений п | *************************************** |  | <i>нишинишиниши</i> |
|-----|----|--|--|---|--|---------------------|
| L49 | 12 | ("5241266"   "5254942"   "5329471"   "5396170"   "5406129"   "5898186"   "6233184"   "6404660"   "6411116"   "6504359").FN. OR ("6710616").URPN.   | US-PGPUB;<br>USPAT; USOCR  | OR                                      | ************************************** | 2009/06/30<br>14:45 |
| L50 | 40 | ("4374317"   "4577047"   "4662043"   "4517047"   "4662043"   "5419833"   "51074772"   "5385487"   "5429510"   "5510724"   "5589564"   "5570032"   "5593903"   "5597737"   "5621313"   "5684588"   "5656943"   "5682472"   "5701666"   "5743324"   "5777485"   "5894218"   "5995382"   "5995839"   "5894218"   "6066181"   "60666181"   "6140616"   "6147605"   "6205652"   "6411116"   "6420766"   "6426638"   "6426638"   "6426638"   "6426638"   "6434959"   "6434959"   "6434959"   "6434959"   "6434959"   "6434959"   "6434959"   "6434959"   "6434959"   "6434959"   "6434959"   "6434959"   "6434959"   "6434959"   "6436638"   "6426638"   "6426638"   "6426645"   "6426645"   "6426945"   "6682945"   "66 | US-PGPUB;<br>USPAT; USOCR  | OR .                                    | ON                                     | 2009/06/30<br>14:45 |

| L51                                     | 165                                     | /"A281AAQ"                               | US-PGPUB;                               | OR | ON  | 2009/06/30 |
|---|---|--|---|----|---|------------|
| மி                                      | 100                                     | ("4281449"  <br>"4379259"   "4467400"    | USPAT; USOCR                            | On | ON  | 14:45      |
| -                                       |   | "4472483"                                | JOSEPHI, USCUM                          |    |   | 17.40      |
|   |   | "4489397"   "4503335"                    |   |    |   |            |
|   | *************************************** | "4518914"                                |   |    | 4   |            |
|   | ******                                  | "4519035"   "4523144"                    |   |    | ***************************************       |            |
|   | ******                                  | "4585991"                                | *************************************** |    |   |            |
|   | *************************************** | "4628991"   "4711024"                    |   |    | ***************************************       |            |
|   | *************************************** | "4783695"                                |   |    | uses.   |            |
|   | ******                                  | "4833402"   "4849847"                    |   |    | ***************************************       |            |
|   | *************************************** | "4855253"                                |   |    |   |            |
|   | *************************************** | "4884122"   "4918811"                    |   |    | ****  |            |
|   |   | "4937203"                                |   |    |   |            |
| 1                                       |   | "4956602"   "4961053"                    |   |    |   |            |
|   |   | "4967146"                                |   |    |   |            |
|   |   | "4968931"   "5012187"                    |   |    | un and an |            |
|   |   | #5014161"                                |   |    |   |            |
|   | *************************************** | "5047711"   "5059899"                    |   |    |   |            |
|   | *************************************** | "5070297"                                |   |    | ******  |            |
|   | *************************************** | "5089772"   "5103557"                    |   |    | -   |            |
|   | *************************************** | "5123850"                                |   |    |   |            |
|   |   | "5130644"   "5140405"                    |   |    |   |            |
|   |   | "5172050"                                |   |    |   |            |
|   | *************************************** | "5177439"   "5206181"                    |   |    | -   |            |
|   | *************************************** | "5206585"                                |   |    |   |            |
|   | ******                                  | "5210485"   "5219765"                    |   |    |   |            |
|   |   | "5239191"                                |   |    |   |            |
| *                                       |   | "5241266"   "5279975"                    |   |    |   |            |
|   |   | "5294776"                                |   |    |   |            |
|   |   | "5307010"   "5367253"                    |   |    |   |            |
|   | *************************************** | "5389556"                                |   |    |   |            |
|   | *************************************** | "5397997"   "5399505"                    |   |    |   |            |
|   |   | "5440241"                                |   |    |   |            |
|   |   | "5497079"   "5523696"                    |   |    |   |            |
|   | *************************************** | "5532610").PN. OR                        |   |    |   |            |
|   | *************************************** | ("5701666").URPN.                        |   |    |   |            |
| 1                                       | - [                                     |  |   |    |   |            |
| L52                                     | 45                                      | ("20020002008"                           | US-PGPUB;                               | OR | ON  | 2009/06/30 |
|   |   | "3530750"   "4258620"                    | USPAT; USOCR                            |    |   | 14:45      |
|   |   | "4374317"                                |   |    |   |            |
| 1                                       | *************************************** | "4577847"   "4662043"                    |   |    |   |            |
|   | *************************************** | "4818933"                                |   |    | *****   |            |
|   |   | "5103168"   "5174772"                    |   |    |   |            |
|   |   | "5385487"  <br>"E400E10"   "EE10704"     |   |    |   |            |
|   |   | "5429510"   "5510724"                    |   |    | ****  |            |
|   | -                                       | "5568054"                                |   |    |   |            |
|   | ******                                  | "5570032"   "5593903"                    |   |    |   |            |
|   | *************************************** | "5597737"  <br>"ECONOFIT   "ECOLOGIT     |   |    |   |            |
|   |   | "5600257"   "5614837"                    |   |    |   |            |
|   | 4                                       | "5621313"  <br>  "EGE 4E00"   "EGEGO 42" |   |    |   |            |
|   | ******                                  | "5654588"   "5656943"                    |   |    |   |            |
|   | ******                                  | "5682472"  <br>"5701666"   "5742224"     |   |    |   |            |
|   |   | "5701666"   "5743324"                    |   |    |   |            |
|   | ******                                  | "5777485"  <br>"E000474"   "E0E0E00"     |   |    |   |            |
| *************************************** | -                                       | "5808474"   "5859539"                    |   |    |   |            |
| *************************************** |   | "5894218"  <br>  "6006393"   "6046934"   |   |    |   |            |
|   | 40000                                   | "5905382"   "5945834"                    |   |    |   |            |
| -                                       | -                                       | "6084215"                                | 1                                       | 1  | į.  | 1          |

| *************************************** |    | "6133054"   "6140616"<br>  "6147506"  <br>"6205652"  <br>"6340895").PN. OR<br>("6562636").URPN.  |  | *************************************** | *************************************** | *************************************** |
|---|----|--|--|---|---|---|
| L53                                     | 84 | ("4281449"   "4379259"   "4467400"   "4472483"   "4489397"   "4518914"   "4583937"   "4518914"   "4783695"   "4884122"   "4984122"   "498602"   "498602"   "498602"   "4986931"   "50249931"   "5058999"   "5089772"   "5130644"   "5229191"   "5241266"   "5279975"   "5389565"   "5989505"   PN. OR ("5654588") UHPN. OR   | US-POPUB;<br>USPAT; USOCR                                      | OR                                      | ON                                      | 2009/06/30                              |
| L54                                     | 2  | ("5654588").PN.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                                      | OFF                                     | 2009/06/30<br>14:45                     |
| L55                                     | 90 | ("6562636" "6682945" "2002004826" "20040113645" "5389556" "5442282" "5539325" 5648661" "5838163" "5764655" "5373227" "5570032" "5682064" "5798565" "5831445" "6104977" "6131255" "6140616" "6791171" "6812718" "7009412" "7138818" "7247035" "7403029" "20050020171133" "20050026476" "20050051353" "20060119377" "20060240690" "20070057684" "2008009429" "6441606" "5726502" "5783668" "5886414" "6064213" "6181148" | US-POFUB;<br>USPAT; USOCR;<br>EPC, JPO;<br>DERWENT;<br>IBM_TDB | OR                                      | ON                                      | 2009/06/30                              |

| "6202489" "6525555"    | 1   | ****   |  |
|------------------------|---|--|--|
| "6788094" "7345493"    |   |  |  |
| "20030107394"          |   |  |  |
| "4351108" "4378139"    |   |  |  |
| "4439917" "4975637"    |   |  |  |
| "5213511" "5498970"    |   |  |  |
| "5693574" "5828081" ). |   |  |  |
| pn.                    |   | ***************************************  |  |
|                        | "6788094" "7345493" "20030107394" "4351108" "4378139" "4439917" "4975637" "5213511" "5498970" "5693574" "5828081"). | "6788094" "7345493" "20030107394" "4351108" "4378139" "4439917" "4975637" "5213611" "549870" "5693574" "5828081"). | "6788094" "7345493" "20030107394" "4351108" "4378139" "4439917" "4975637" "5213611" "549870" "5693574" "5828081"). |

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